



PHONE # 201-831-2000

DMS
1911

MSDS NO. 0578-01
CAS NO:
DATE: 04/07/83

MATERIAL SAFETY DATA

PRODUCT IDENTIFICATION

TRADEMARK: **FM® 123-2 Adhesive Film**
SYNONYMS: None
CHEMICAL FAMILY: Epoxy resin
MOLECULAR FORMULA: Mixture
MOLECULAR WGT.: Mixture

WARNING

CONTAINS AN EPOXY RESIN
MAY CAUSE ALLERGIC SKIN REACTION
USE MECHANICAL EXHAUST VENTILATION WHEN HEAT-CURING ADHESIVE

HAZARDOUS INGREDIENTS

COMPONENT	CAS. NO.	%	TWA/CEILING	REFERENCE
No Permissible Exposure Limits (PEL), have been established by OSHA				

NFPA HAZARD RATING

Not Established

HEALTH HAZARD INFORMATION

EFFECTS OF OVEREXPOSURE:

Allergic skin reaction or primary skin irritation may be produced by prolonged or repeated dermal contact with epoxy resins. Overexposure to vapor during heat-curing may cause irritation or injury of the respiratory tract and eye irritation.

FIRST AID:

In case of skin contact, wash affected areas of skin with soap and water. In case of eye contact, immediately irrigate with plenty of water for 15 minutes. If vapor of FM 123-2 Adhesive Film is inhaled, remove from exposure. Administer oxygen if there is difficulty in breathing.

EMERGENCY PHONE: 201/835-3100

AMERICAN CYANAMID COMPANY, WAYNE, NEW JERSEY 07470

**EXPOSURE
CONTROL METHODS**

Where a closed system is not used, good enclosure and local exhaust ventilation should be provided to minimize exposure when spraying or curing at elevated temperature. Food, beverages, tobacco products should not be carried, stored or consumed where this chemical is in use. Before eating, drinking or smoking wash face and hands with soap and water. Where engineering controls are effective, respiratory protection is generally not required. If certain operations require respiratory protection, use a NIOSH approved respirator recommended by an industrial hygienist. Wear the following as necessary to prevent skin contact; work pants, long sleeve work shirt and impervious gloves.

FIRE AND EXPLOSION HAZARD INFORMATION

FLASH POINT:	Not Applicable
FLAMMABLE LIMITS (% BY VOL):	Not Available
AUTOIGNITION TEMP:	Not Available
DECOMPOSITION TEMP:	Not Available
FIRE FIGHTING:	Use water, carbon dioxide or dry chemical to extinguish fires. Wear self-contained, positive pressure breathing apparatus and full firefighting protective clothing. See Exposure Control Methods for special protective clothing.

REACTIVITY DATA

STABILITY:	Stable
CONDITIONS TO AVOID:	None known
POLYMERIZATION: CONDITIONS TO AVOID:	May Occur Store at or below 0 F to prolong shelf life.
INCOMPATIBLE MATERIALS:	Strong oxidizing agents, amines or basic materials.
HAZARDOUS DECOMPOSITION PRODUCTS:	Thermal decomposition or combustion may produce carbon monoxide, carbon dioxide, ammonia, and/or oxides of nitrogen.

PHYSICAL PROPERTIES

APPEARANCE AND ODOR:	Purple or orange tacky film; no odor
BOILING POINT:	Not Applicable
MELTING POINT:	Not Applicable
VAPOR PRESSURE:	Not Applicable
SPECIFIC GRAVITY:	≈ 1.2
VAPOR DENSITY:	Not Applicable
% VOLATILE (BY VOL):	Negligible
OCTANOL/H ₂ O PARTITION COEF.:	Not Applicable
pH:	Not Applicable
SATURATION IN AIR (BY VOL):	Not Applicable
EVAPORATION RATE:	Not Applicable
SOLUBILITY IN WATER:	Negligible

**SPILL OR LEAK
PROCEDURES**

STEPS TO BE TAKEN IN
CASE MATERIAL IS
RELEASED OR SPILLED:

Same protective clothing/equipment as in Exposure
Control Methods. Scrape spills with some inert
absorbent material; sweep up and place in a waste
disposal container. Flush area with water.

WASTE DISPOSAL

Disposal must be made in accordance with applicable governmental regulations.

**SPECIAL
PRECAUTIONS**

HANDLING AND
STORAGE/OTHER:

Store at or below 0F to prolong shelf life.

Marvin A. Friedman

Marvin A. Friedman, Ph.D., Director of Toxicology and Product Safety

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